

# WELCOME TO THE WORLD OF HOME MIX

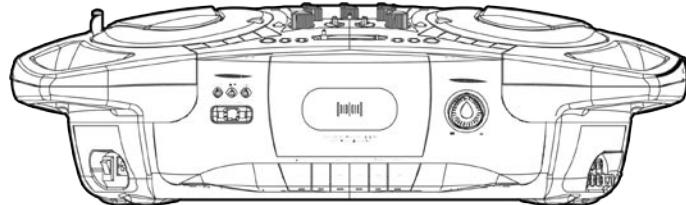
Congratulations, you have joined one of the many people who have chosen the HomeMix DJ System for all their mixing needs. As usual we ask you to study this manual to familiarise yourself with the operating controls of the unit. For further in depth knowledge of how to use the HomeMix, please read the contents of this manual in its entirety.

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## PLEASE NOTE

- The CDJ-1 unit functions best using a mains A.C Power Source.
- For battery operation, only heavy duty battery types should be used for optimum performance.
- Avoid shock or vibration while using the CDJ-1.



# SAFETY INSTRUCTIONS



## EXPLANATION OF SYMBOLS

This symbol is intended to alert the user of the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



This symbol is intended to alert the user of the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## WARNING

To prevent fire or shock hazard, do not expose this appliance to rain or moisture. If this happens, make sure the power to the electrical outlet is turned off before you touch or unplug the unit

## IMPORTANT SAFETY INSTRUCTIONS

- **Read Instructions.** All the safety and operating instructions should be read before the appliance is operated.
- **Retain Instructions.** The safety and operating instructions should be retained for further reference.

- **Heed Warnings.** All warnings on the appliance and in the operating instructions should be adhered to.

- **Follow Instructions.** All operating and use instructions should be followed.

## SAFETY INSTRUCTIONS

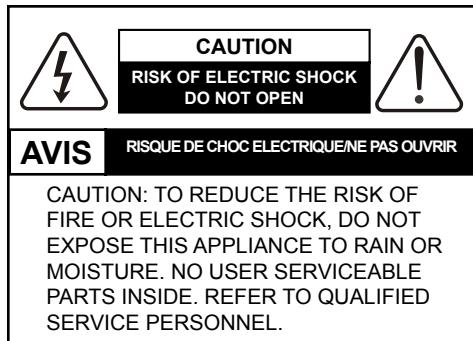
- Do not operate the unit from any power source except as indicated on the unit or in the owner's manual.
- Do not install the unit near or over a radiator, or other heat sources.
- Do not mount the unit to a wall or ceiling except as recommended by the manufacturer.
- Do not place the unit in a built-in enclosure such as a bookcase or cabinet, unless proper ventilation is provided.
- Do not block the ventilation openings of the unit by placing it on a bed, soft rug, etc.
- Do not allow objects to fall or liquids to spill into the unit through the openings.
- Do not use the unit near water, such as bath tub, washbowl, sink, laundry tub, swimming pool, etc.
- Do not allow anything to rest on, roll over, or pinch the power cord, or place the power cord where it is subject to traffic or abuse; this may result in a fire hazard.

# SAFETY INSTRUCTIONS



- Do not use a cart or stand not recommended by the manufacturer.
- Do not try to roll cart with small castors across thresholds or deep pile carpets. Quick stops, excessive force, and uneven surfaces may cause the unit and cart combination to overturn.
- Do not clean the unit except as described in the owner's manual.
- Do not attempt to service the unit servicing should be referred to qualified service technicians.
- Do not leave the unit on when unattended; a malfunction may result in a fire hazard.

**NOTE:** For added protection during a lightning storm or whenever the unit will be left unattended for a long period of time, disconnect the power source.

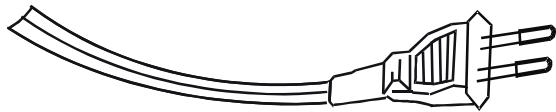


## HAVE THE UNIT SERVICED IF:

- The power cord or the plug has been damaged.
- Objects have fallen, or liquid has been spilled onto the unit.
- The unit has been exposed to rain or excessive moisture.
- The unit does not appear to operate normally or exhibits a marked change in performance.
- The unit has been dropped or the encasement damaged.

**“AVIS”:** POUR EVITER LES CHOCS ELECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU’AU FOND.

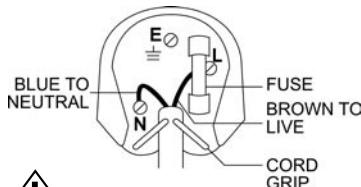
For Europe only



# SAFETY INSTRUCTIONS

## PLUG FITTING

(UK ONLY)



**ATTENTION**  
UNDER NO CIRCUMSTANCES MUST  
THE LIVE OR NEUTRAL WIRES  
BE CONNECTED TO THE EARTH  
TERMINAL IN A 3-PIN MAINS PLUG.

## FOR SAFE AND EFFECTIVE OPERATION

For your convenience a mains plug with a fuse has been fitted to this appliance. For your safety please observe the following information.

- Should the fuse fail in the plug remove it from the wall socket and replace the fuse with a 3 Amp ASTA approved BS 1362 fuse.
- Never use the plug without the fuse cover fitted. Replacement fuse covers are available from your dealer.
- If the mains plug is cut off from the cable, rewire the replacement plug in accordance with the instructions given in this manual.

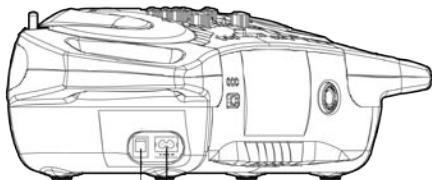
**CAUTION: UNDER NO CIRCUMSTANCES SHOULD THE DISCARDED PLUG BE INSERTED INTO A MAINS SOCKET. TO PREVENT A SHOCK HAZARD, CAREFULLY DISPOSE OF THE DISCARDED PLUG. DO NOT LEAVE THE PLUG LYING AROUND WHERE CHILDREN MIGHT FIND IT.**

- The wire which is coloured blue or black must be connected to the terminal with the letter N or coloured black
- The wire which is coloured brown must be connected to the terminal which is marked with the letter 'L' or coloured red. Only a 3 Amp fuse should be fitted in the plug, or a 5 Amp fuse at the distribution board.

**CAUTION: DANGEROUS VOLTAGES EXIST INSIDE THIS UNIT. DO NOT REMOVE ANY COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL. DISCONNECT FROM MAINS SUPPLY WHEN NOT IN USE.**

- Select the installation location of your unit carefully. Avoid placing it in direct sunlight, or in locations subject to vibration, excessive dust, heat, cold or moisture. Keep away from sources of hum, such as transformers or motors.
- Do not use this player where there are extreme temperatures (below 5°C or exceeding 35°C).
- Do not open the cabinet as this might result in damage to the player, or electrical shock.
- Be sure your hands are clean when handling discs. Never use a cracked or warped disc.
- When disconnecting the power cord from the AC outlet always grasp it by the plug, never pull the cord.
- Do not use force when operating the switches and buttons.
- Before moving the player, be sure to disconnect the power cord and all connecting cables.
- To keep the laser pick-up clean, do not forget to close the disc tray.
- Do not attempt to clean the unit with chemical solvents as this might damage the surface, simply use a clean, dry cloth.
- If the unit malfunctions, do not open the cabinet and attempt to repair yourself. Always request services at an authorised service centre.
- Keep this manual in a safe place for future reference.

# CONNECTIONS



## 1. POWER

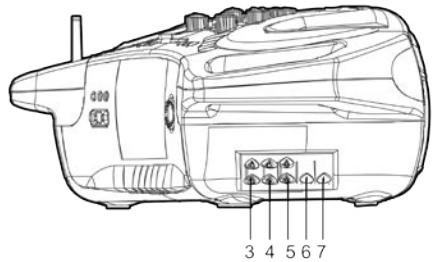
Rocker switch to isolate the mains power from the CDJ-1. It is recommended to turn off the power to the CDJ-1 when the unit will not be in use for long periods of time.

## 2. AC IN

Please use the mains cable supplied, which will allow connection to the relevant mains wall plug in your country. **Please check the voltage label below this inlet to ensure that the voltage is correct for your region. Please consult your local dealer if you are unsure that this is correct.**

## 3. FX SEND (L/R), 4. FX RETURN (L/R) SOCKETS

It is possible to use special effect units with the CDJ-1. The FX send socket allows the output signal path to be broken to insert a special effects unit prior to the amplifier. It is necessary to return the signal to the FX return to complete the audio path. See page 6.



The FX send RCA phono sockets fitted to the CDJ-1 will automatically disconnect the audio signal path when a plug is inserted, therefore it is necessary to return the signal through the FX return sockets before sound can be heard.

## 5. AMP OUTPUT SOCKETS

The CDJ-1 allows connection to a bigger amplifier for higher power applications. The internal amplifier will be disconnected when cables are inserted into these sockets. The output sensitivity of this output is 775mV @ 0dB. See page 6.

## 6. MIC INPUT SOCKET

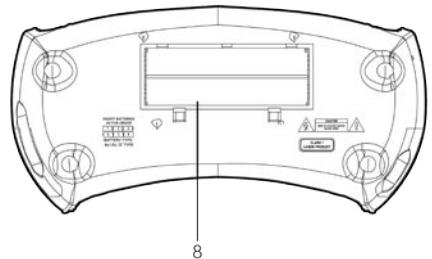
It is possible to use most microphones with the CDJ-1. It is recommended to use a mic with an impedance of 600 ohms. See page 6.

## 7. HEADPHONE SOCKET

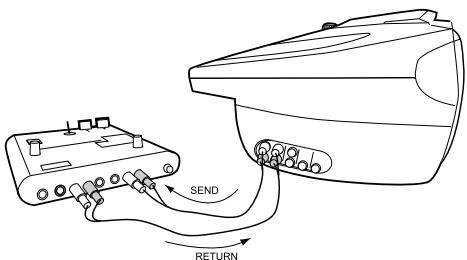
It is possible to use most headphones with the CDJ-1. It is recommended to use headphones with an impedance of 32 ohms. See page 6.

## 8. BATTERY COMPARTMENT

It is possible to use the CDJ-1 using batteries, you will require x 6 D type heavy duty alkaline batteries. Please observe the correct orientation which is indicated on the base of the chassis. Batteries are liable to leakage, so please remove from the CDJ-1 if it will not be used for long periods of time. Also remove when discharged. The CDJ-1 requires a large amount of current to operate at high volume levels. Please note, the battery life will be seriously impaired when operating all functions on the CDJ-1.



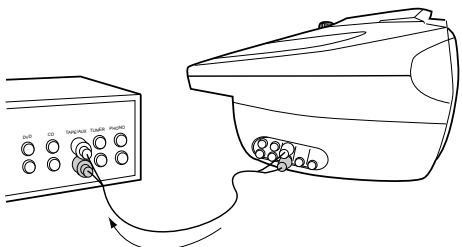
# CONNECTIONS continued



## FX SEND (L/R) & FX RETURN (L/R) SOCKETS

The DJ'ing experience can be enhanced by using a special effects (FX) processor which will allow sound shaping tools to be added to the music content.

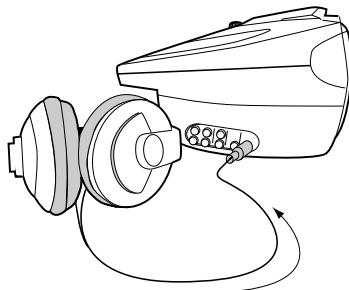
To send the output signal to an effects unit, use left and right phono leads, and connect to the FX send sockets on the side panel of the CDJ-1. By plugging this lead into the CDJ-1, this will interrupt the signal path to allow the effect to be inserted. It is necessary to bring the processed signal back into the CDJ-1, this can be done by using another set of phono leads to connect to the output of the effects unit to the FX return sockets on the CDJ-1. It may be necessary to alter, or set the working levels on the effects processor to allow similar output levels to be maintained. This will be detailed in the instruction manual which accompanies the effect processor.



## AMP OUTPUT SOCKETS

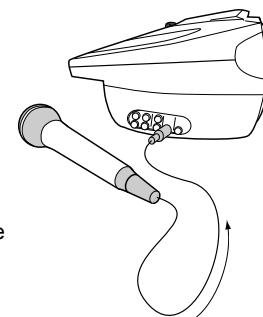
The speakers fitted inside the CDJ-1 are limited in their size and power handling, and will give a limit to the sound levels achievable from the CDJ-1. In order to allow higher volumes to be produced, the CDJ-1 is fitted with external amp sockets to allow a bigger amp and speakers to be used. Connect left and right phono leads to the amp output sockets on the side panel of the CDJ-1, and connect the other end to a corresponding line input on an external amplifier. (you may use an AUX socket or tape socket if fitted). The output signal level of these sockets is 775mV

@ 0db, this should allow connection to most audio amplifiers. The internal loudspeakers fitted to the CDJ-1 will be disconnected when an external amplifier is connected.



## HEADPHONE SOCKET

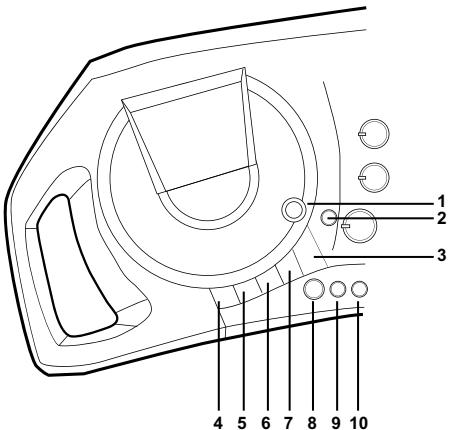
It is possible to use headphones with the CDJ-1 which will allow PFL (Pre fade listen) monitoring of music channels before mixing. Using headphones fitted with a 6.25mm (1/4 inch) stereo jack plug, insert this into the headphone socket on the side panel of the CDJ-1. Use the headphone volume control and the headphone selector switch (see page 8, numbers 25 & 26) to alter these settings.



## MIC INPUT SOCKET

It is possible to connect a microphone to the CDJ-1 to enhance your DJ performance. Plug a mic, preferably with an impedance of 600ohms, and fitted with a 6.25mm (1/4 inch) jack, into the mic input socket (page 5, number 6). The sound level of the mic can be altered by using the mic level control (page 8, number 24). Set the mic level to a reasonable level, trying to avoid feedback and distortion.

# CD CONTROLS



## 1/11. CD LID OPEN BUTTON

The CDJ-1 is fitted with a spring catch which is pushed down to release the CD door. To close the CD door, gently push the door downwards until the door locates in this catch again.

## 2/12. TIME DISPLAY

Press this button to select normal count up timer, or countdown timer mode. This is displayed on the LCD display.

## 3/13. PLAY/PAUSE

Press this button to begin playing or pause playback of a CD.

## 4/20. STOP

Press to stop playback of a CD.

## 5/18. SKIP/SEARCH BACKWARDS

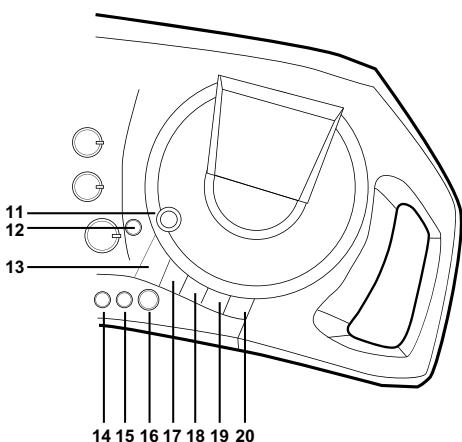
Press this button for less than 0.5 seconds to move the CD position to the previous track. Hold this button down to activate a fast search backwards through the CD.

## 6/19. SKIP/SEARCH

Press this button for less than 0.5 seconds to move the CD position to the next track. Hold this button down to activate a fast search forwards.

## 7/17. FRAME ADVANCE

In pause mode, press this button to allow each frame of the CD to be heard. Using the Search up and down buttons you are able to locate the exact starting position on the CD.



## 8/16. PITCH ACTIVATION

Hold this button down, and by repeatedly pressing the PITCH BEND UP or PITCH BEND DN buttons it is possible to alter the playing speed of the CD. This speed will remain until changed, or until the CD is stopped. The pitch setting will be displayed on the LCD display when the pitch button is held down.

## 9/14. PITCH BEND -

This allows the instant decrease of the CD speed to -10% while it is held down. Upon release the pitch will revert to its previous setting.

## 10/15. PITCH BEND +

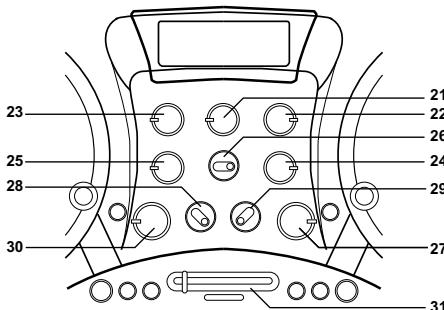
This allows the instant increase of the CD speed to +10% while it is held down. Upon release the pitch will revert to its previous setting.

## MIXING TIPS.

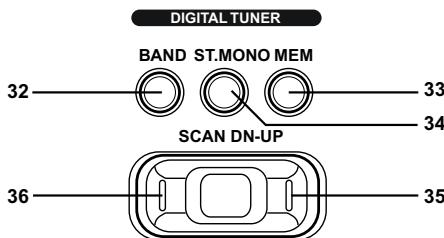
Use the PITCH feature to alter the speed of the CD to match the music which is playing. This can be done by listening through the headphones and comparing what is playing to the music that you are monitoring. When the speeds are the same, use the PITCH BEND + and - to speed up, or slow down momentarily the CD to allow the two beats to become aligned. This takes practice and is not easy. 'practice makes perfect'

# CONTROL PANELS

## MIXER CONTROL PANEL



## TUNER CONTROL PANEL



### 21. TREBLE

Rotate the treble knob to adjust the master treble level up or down.

### 22. VOLUME

Rotate the volume knob to adjust the master volume level up or down.

### 23. BASS

Rotate the bass knob to adjust the master bass level up or down.

### 24. MIC LEVEL

Rotate the mic level knob to adjust the mic level up or down.

### 25. HEADPHONES LEVEL

Rotate the headphones knob to adjust the headphones level up or down.

### 26. HEADPHONES SELECT

Switch to select CH1 or CH2. This will allow you to select which track you wish to mix before playing.

### 27. CHANNEL FADER 2

This will increase the volume of music which can be heard through channel 2. Turn clockwise to increase this, or anticlockwise to decrease it.

### 28. CHANNEL 1 SELECTOR CD1/TUNER

Switch to select CD1 or TUNER function.

### 29. CHANNEL 2 SELECTOR CD2/TAPE

Switch to select CD2 or TAPE function.

### 30. CHANNEL FADER 1

This will increase the volume of music which can be heard through channel 1. Turn clockwise to increase this, or anticlockwise to decrease it.

### 31. CROSS FADER

Use the cross fader to mix between channel 1

and channel 2. In the centre position it will have no effect on either channel 1 or 2.

**It is necessary to activate the tuner by selecting TUNER function on channel 1 selector switch (28)**

### 32. BAND

In Tuner mode, press the BAND button to select FM or AM.

### 33. MEMORY KEY

The CDJ-1 has 8 memory locations for the radio tuner.

To save a radio station to memory, first use the SCAN DN-UP button to locate your required station. Next hold down the MEM button until the station preset number flashes on the LCD display. Immediately select the memory location you require (01-08) using SCAN DN-UP. Press MEM button again to save the station in your chosen location.

You can scroll through and select any of your preset stations by repeatedly pressing the MEM button until you reach the station preset you require.

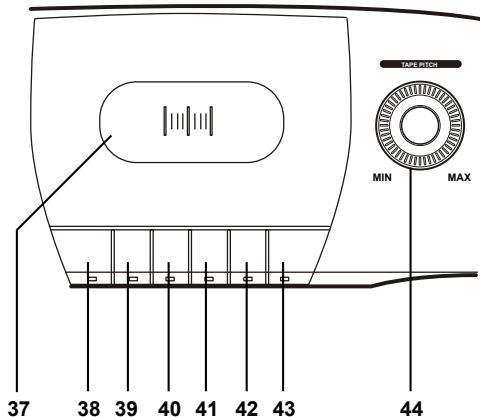
### 34. ST.MONO

In Tuner FM mode, you are able to switch to the mono station mode if stereo reception is poor.

### 35/36. SCAN UP/DOWN

In Tuner mode, press this button for less than 1 second to change the frequency one step at a time. Hold this button for longer than 1 second, and then release to instigate a station search until a sufficient signal strength has been found.

# TAPE CONTROL PANEL



## 37. CASSETTE DOOR

The CDJ-1 is fitted with an acrylic cassette door. Care should be taken not to exert excessive force on this door which may cause it to snap, or damage the hinge mechanism.

## 38. REC

It is possible to record CD, Tuner or AUX sources. Press the record button together with the play button (39) to activate this function. The record level will be altered by the movement of the channel faders (27,30) and also by the master volume (22).

## 39. PLAY

Press this button to play the tape cassette.

## 40. REW

This button will allow the fast rewind of the cassette. Press stop prior to activation of this rewind key.

## 41. FWD

This button will allow the fast forward winding of the cassette. Press stop prior to activation of this fast forward key.

## 42. STOP/EJ

In tape "playing mode", press to stop tape playback. In tape "stop" mode, press to open the cassette door.

## 43. PAUSE

Press this button to pause tape playback. Do not use the pause key for long periods of time as tape stretching may occur.

## 44. TAPE PITCH

The CDJ-1 allows +/-5% pitch adjustment for the tape running speed. Turn the tape pitch button clockwise to increase the speed, or anticlockwise to decrease it.

# TROUBLESHOOTING

Please make these simple checks before calling service. These tips could save you time and money.

**NOTE:** Electrostatic discharge such as lightning can cause unexpected problems. For example, causing the unit to fail to react to operation of the buttons. In that event, you should reset the unit by disconnecting it from the household wall outlet.

## NO POWER

- Ensure CD's have been inserted correctly.
- Check to be sure the outlet is not controlled by a wall switch.
- Ensure power cable has not been damaged.
- Unplug the power cord, wait 1 minute, then re-insert the plug and switch the POWER button to power on.
- Check with your local dealer that the internal mains fuse has not blown.
- Check tape pitch dial has not been moved from zero position. The Rotary knob has a dot indicator which denotes the normal speed position when this is straight up at 12 o'clock.
- If using batteries ensure these have been inserted properly. Ensure batteries are in good condition.

## NO VOLUME

- Check the main VOLUME knob on the unit is turned up.
- Ensure that channel fader knobs are up (27,30).
- Ensure that cables have not been inserted into send/return sockets, or amp output sockets, as this will disconnect the internal speakers.
- Ensure CD's have been inserted correctly.
- Ensure tape has been inserted correctly.
- Ensure cross fader is in middle or allocated to the desired channel.

## CAN'T CHANGE PITCH OF CD's

- Ensure pitch button is held down and pitch bend up/down buttons are used to increase or decrease speed.
- Use pitch bend up/down to momentarily change speed of CD's. The pitch will return to previous settings once pitch bend buttons are released.

## TAPE IS RUNNING TOO FAST OR TOO SLOW

- Check tape pitch dial has not been moved from zero position. The Rotary knob has a dot indicator which denotes the normal speed position when this is straight up at 12 o'clock.

In the event of any problems installing or using the CDJ-1, please contact either the product retailer or the Acoustic Solutions Helpline on 01327 340601 (UK only). Please be advised this line is manned from 9:00am until 1:00pm and 2:00pm until 4:30pm, Mon to Fri.

Don't forget to check out our web site: [www.homemix.com](http://www.homemix.com)

# SPECIFICATIONS

**POWER OUTPUT:** 2 x 5 Watts RMS @ 10% THD.  
25 Watts total music power.

**AMP OUTPUT:** 775 mV.

**SEND OUTPUT:** 500 mV.

**RETURN INPUT:** 500 mV.

**TREBLE RANGE:** + / - 6 dB at centre frequency 10 K Hz.

**BASS RANGE:** + / - 6 dB at centre frequency 100 Hz.

**HEADPHONE IMPEDANCE:** 32 Ohm.

**MICROPHONE IMPEDANCE:** 600 Ohm, Input sensitivity 8 mV @ 1K Hz.

**CD PITCH RANGE:** + / - 10 %, 1% / Step.

**TAPE PITCH RANGE:** + / - 5 %.

**AC POWER INPUT:** 120 V / 60 Hz , CUL version.  
230 V / 50 Hz , CE version.

**POWER CONSUMPTION:** 40 Watts @ AC 120V / 60 Hz , CUL version, USA.  
40 Watts @ AC 230V / 50 Hz , CE version, Europe.

**TUNER MEMORY:** 8 stations.

**TUNER BAND:** FM 87.5 ~ 108 MHz , 100K Hz / Step , CUL version, USA.  
AM 520 ~ 1710 KHz , 10K Hz / Step , CUL version, USA.  
FM 87.5 ~ 108 MHz , 50 K Hz / Step , CE version, Europe.  
AM 522 ~ 1620 KHz , 9K Hz / Step , CE version, Europe.